A MULTIMODE RECEIVER AND METHOD FOR CONTROLLING SIGNAL INTERFERENCE

ABSTRACT OF THE DISCLOSURE

[0048] A multimode wireless receiver circuit (10) includes multi-receiver control and interference detection logic (50) and least two separate receivers: a first receiver (20) associated with a first radio access technology and a second receiver (30) associated with a second radio access technology. The multi-receiver control and interference detection logic (50) simultaneously controls the second receiver (30) to detect an interference blocker signal (100), while the first receiver (20) receives at least a portion of the wireless signal (80) and the interference product signal (90). In response to the second receiver (30) detecting the interference blocker signal (100), the multi-receiver control and interference detection logic (50) adjusts at least one operating condition of the first receiver (20) such that the interference product signal (90) received by the first receiver (20) is reduced.